

**CLAIMS**

**What is claimed is:**

[C1]

1. A medical tack comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.

[C2]

2. The medical tack according to claim 1, wherein said means for varying said position is a nut.

[C3]

3. The medical tack according to claim 1, wherein said means for varying said position is an elastomer.

[C4]

4. The medical tack according to claim 1, wherein said means for varying said position is a spring.

[C5]

5. The medical tack according to claim 4, further comprising a flange near said base end for seating said spring.

[C6]

6. The medical tack according to claim 5, wherein said spring is a coil spring formed around said shaft.

[C7]

7. The medical tack according to claim 4, wherein said spring is a dome spring.

- [C8]        8.      The medical tack according to claim 4, wherein said spring is a leaf spring.
- [C9]        9.      The medical tack according to claim 4, wherein said spring is a plurality of leaf springs of varying length.
- [C10]       10.     The medical tack according to claim 6, further comprising a washer adjacent to said spring.

- [C11] 11. A retinal tack for attaching a retinal device comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.
- [C12] 12. The retinal tack according to claim 11, wherein said means for  
varying said attachment point is a nut.
- [C13] 13. The retinal tack according to claim 11, wherein said means for  
varying said attachment point is a spring.
- [C14] 14. The retinal tack according to claim 11, wherein said shaft is  
sized such that said tack will pierce said retinal device, a retina and a sclera  
such that said attachment point formed near said point end abuts a back  
side of the sclera and tends to prevent the tack from being withdrawn.
- [C15] 15. The retinal tack according to claim 13, further comprising a  
flange near said base end for seating said spring.
- [C16] 16. The retinal tack according to claim 13, wherein said spring is a  
coil spring formed around said shaft.
- [C17] 17. The retinal tack according to claim 13, wherein said spring is a  
dome spring.
- [C18] 18. The retinal tack according to claim 13, wherein said spring is a  
leaf spring.

- [C19]        19. The retinal tack according to claim 13, wherein said spring is a plurality of leaf springs of varying length.
- [C20]        20. The retinal tack according to claim 16, further comprising a washer adjacent to said spring.
- [C21]        21. The retinal tack according to claim 13, wherein said spring exerts less than 0.2 g/mm<sup>2</sup> across the surface of a retinal device.

[C22] 22. A retinal tack for attaching a retinal device comprising:

a shaft having a point end and a base end;

a barb formed near said point end;

a flange formed near said base end;

a coil spring, having one end affixed to said flange and circling around said shaft; and

a washer affixed to an end or said spring, opposite to said one end, wherein said shaft is sized such that said tack will pierce said retinal device, a retina and a sclera such that said barb abuts a back side of the sclera and tends to prevent the tack from being withdrawn, and said washer abuts said retinal device exerting less than 0.2 g/mm<sup>2</sup> across the surface of a retinal device.